

# Jeremy Masbou

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

600  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mercury stable isotopes constrain atmospheric sources to the ocean. <i>Nature</i> , 2021, 597, 678-682.	27.8	92
2	Application of a selective extraction method for methylmercury compound specific stable isotope analysis (MeHg-CSIA) in biological materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1620.	3.0	54
3	Metal concentration and bioaccessibility in different particle sizes of dust and aerosols to refine metal exposure assessment. <i>Journal of Hazardous Materials</i> , 2016, 317, 552-562.	12.4	52
4	Natural Hg isotopic composition of different Hg compounds in mammal tissues as a proxy for in vivo breakdown of toxic methylmercury. <i>Metallomics</i> , 2016, 8, 170-178.	2.4	50
5	Pesticide degradation and export losses at the catchment scale: Insights from compound-specific isotope analysis (CSIA). <i>Water Research</i> , 2018, 139, 198-207.	11.3	44
6	Hg-Stable Isotope Variations in Marine Top Predators of the Western Arctic Ocean. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 479-490.	2.7	38
7	Enantiomer-specific stable carbon isotope analysis (ESIA) to evaluate degradation of the chiral fungicide Metalaxyl in soils. <i>Journal of Hazardous Materials</i> , 2018, 353, 99-107.	12.4	38
8	Carbon and nitrogen stable isotope fractionation during abiotic hydrolysis of pesticides. <i>Chemosphere</i> , 2018, 213, 368-376.	8.2	37
9	A Model of Mercury Distribution in Tuna from the Western and Central Pacific Ocean: Influence of Physiology, Ecology and Environmental Factors. <i>Environmental Science &amp; Technology</i> , 2019, 53, 1422-1431.	10.0	37
10	Are Cu isotopes a useful tool to trace metal sources and processes in acid mine drainage (AMD) context?. <i>Chemosphere</i> , 2018, 193, 1071-1079.	8.2	31
11	Hg Stable Isotope Time Trend in Ringed Seals Registers Decreasing Sea Ice Cover in the Alaskan Arctic. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8977-8985.	10.0	26
12	Do rainfall characteristics affect the export of copper, zinc and synthetic pesticides in surface runoff from headwater catchments?. <i>Science of the Total Environment</i> , 2020, 741, 140437.	8.0	25
13	Association of a Specific Algal Group with Methylmercury Accumulation in Periphyton of a Tropical High-Altitude Andean Lake. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 1-10.	4.1	19
14	Carbon Stable Isotope Analysis of Methylmercury Toxin in Biological Materials by Gas Chromatography Isotope Ratio Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 11732-11738.	6.5	15
15	Plants affect the dissipation and leaching of anilide pesticides in soil mesocosms: Insights from compound-specific isotope analysis (CSIA). <i>Agriculture, Ecosystems and Environment</i> , 2021, 308, 107257.	5.3	10
16	In Situ Photochemical Transformation of Hg Species and Associated Isotopic Fractionation in the Water Column of High-Altitude Lakes from the Bolivian Altiplano. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2258-2268.	10.0	9
17	Direct and indirect photodegradation of atrazine and <i>S</i> -metolachlor in agriculturally impacted surface water and associated C and N isotope fractionation. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1791-1802.	3.5	8
18	Do pesticides degrade in surface water receiving runoff from agricultural catchments? Combining passive samplers (POCIS) and compound-specific isotope analysis. <i>Science of the Total Environment</i> , 2022, 842, 156735.	8.0	8

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19	Water table fluctuations affect dichloromethane biodegradation in lab-scale aquifers contaminated with organohalides. <i>Water Research</i> , 2021, 203, 117530.	11.3	7